Title (en)
METHOD AND APPARATUS FOR MULTI-CONNECTION FLOW CONTROL IN A WIRELESS COMMUNICATION NETWORK

Title (de)
VERFAHREN UND VORRICHTUNG ZUR MEHRVERBINDUNGSFLUSSSTEUERUNG IN EINEM DRAHTLOSEN KOMMUNIKATIONSNETZ

Title (fr)
PROCÉDÉ ET APPAREIL POUR COMMANDE DE FLUX À CONNEXION MULTIPLE DANS UN RÉSEAU DE COMMUNICATION SANS FIL

Publication
EP 4042622 A1 20220817 (EN)

Application
EP 19790325 A 20191011

Priority
SE 2019050994 W 20191011

Abstract (en)
[origin: WO2021071401A1] With multiple connections (20) communicatively coupling a User Equipment (UE) (12) to a wireless communication network (10), methods and apparatuses disclosed for performing flow control at the Radio Link Control (RLC) level advantageously control the shares of overall data conveyed on the respective connections (20) in a manner that accounts for changing conditions on the involved radio links (22) while accommodating signaling delays and other complexities that arise from distributed or virtualized implementations of the underlying processing apparatuses (18). The disclosed methods and apparatuses have applicability both to uplink multi-connectivity and downlink multi-connectivity, and apply to various multi-connectivity scenarios, including scenarios involving mixed Radio Access Technologies (RATs) and Carrier Aggregation (CA) configurations that aggregate two or more Component Carriers (CCs) for carrying user traffic between a UE (12) and the network (10).

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